

Section 15. Plain Language Summary (Instructions Page 40)

This information is required for new, major amendment, and renewal applications. It is not required for minor amendment or minor modification applications.

If you are subject to the alternative language notice requirements in 30 Texas Administrative Code §39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

DOMESTIC WASTEWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Harris County Municipal Utility District No. 58 (CN600739353) operates HCMUD No. 58 WWTP (RN102844578). an activated sludge process plant operated in complete mix mode. The facility is located 15403 Bammel Village Dr, in Houston, Harris County, Texas 77014.

This application is for a renewal to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day via outfall 001.

Discharges from the facility are expected to contain five-day Carbonaceous Biochemical Oxygen Demand (CBOD₅), Total Suspended Solids (TSS), Ammonia Nitrogen (NH₃-N), and *Escherichia coli* (*Ecoli*). Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. The domestic wastewater is treated by an activated sludge complete mix mode process plant and the treatment units include an on-site lift station, a manual bar screen, one (1) aeration basin, one (1) final clarifier, one (1) aerobic digester, and one (1) chlorine contact basin. Chemical disinfection is achieved by chlorine gas. The effluent is discharged from the chlorine contact basin through a 10-inch welded steel effluent pipe to an existing effluent pump station then to a 10-inch force main to Harris County Flood Control District ditch K128-00-00.